

**CR Number:** 2728

**External Reference:** WA Bill Goforth - GofortB@wadot.wa.gov - 360-705-7365

**Category:** T0022 processing rules

**Component:** CVISN Architecture and Standards

**Synopsis:** LAST\_UPDATE\_DATE and REGISTRATION\_EXPIRE\_DATE are not enough to determine the current base state for a vehicle

**Status:** Open

**Disposition:** [2004-08-19] Open pending further analysis.

**Description:** [2004-06-28] Submitted by Bill Goforth (WA)  
Vehicle VIN 1XKWDB9X6YR837650 is in our CVIEW database as NE vehicle, plate 56283 with a registration expiration date of 12/31/02. The vehicle changed ownership from NE carrier USDOT# 2605 to WA carrier USDOT# 236380 sometime in 2003. The latest WA transaction for the vehicle has a registration expiration date of 10/31/04. The problem is that the LAST\_UPDATE\_DATE for NE is 12/30/03 and the transaction date (LAST\_UPDATE\_DATE) for the latest WA transaction is 10/18/03. We are using LAST\_UPDATE\_DATE to determine the current base state for a vehicle. In this situation, we erroneously recognize NE as the current base state. We have approximately 500 vehicles that have this problem.

We have considered trying to use both LAST\_UPDATE\_DATE and REGISTRATION\_EXPIRE\_DATE to determine the current base state. But this does not always work. OR vehicles register all of their vehicles through 12/31 of the current year. We have had vehicles that were registered in OR on 1/1/03, then are sold during 2003 to a carrier in WA and are registered from the point of purchase through the same time the following year (for example 8/1/03 through 8/1/04). OR vehicles are given a 3 month grace period to reregister in OR. This means that there is 3 month window (1/1/04 to 3/1/04) where we can't tell which state is the vehicle's base state.

We would like to propose adding an IS\_CURRENT\_BASE\_STATE indicator to the VEHICLE\_REGISTRATION table and to the T0022 transaction. This indicator would be used by states that report the sale of a vehicle (or otherwise need to report an unknown ownership status) to indicate that the next transaction received (from a new base state) that reports a valid vehicle registration can be distinguished as the current base state for the vehicle. So in this case NE would set IS\_CURRENT\_BASE\_STATE = '0' and WA would set IS\_CURRENT\_BASE\_STATE = '1'. This would allow states to more accurately determine the current base state.

This problem could obviously be solved in many different ways and the above solution is only intended as an alternative. Another alternative might be to have a TRANSACTION\_CODE element that is required on the T0022. So there would be a transaction code for sale of a vehicle, deletion of a vehicle, etc. TRANSACTION\_CODE could then be used to determine that a state is no longer the current base state or that ownership is unknown.

Further clarification from Bill Goforth...

Normally the problem occurs within a period of a few months. That is, the vehicle is sold prior to its expiration in the old base state, then purchased and registered in the

new base state. The problem occurs when the "vehicle sold" transaction occurs in the old base state after the "new vehicle registration" transaction occurs in the new base state.

[2004-07-19] Presented and discussed at the 2004-07-15 ACCB meeting. This CR will remain open pending further analysis. Volpe and Washington will discuss whether or not sufficient information already exists to determine the current base state.

[2004-08-23] Discussed at 2004-08-19 ACCB meeting, but Washington was not on the call.

Volpe has sent an email to WA in which they proposed that REGISTRATION\_START\_DATE be made mandatory in T0022 and T0028. Volpe will write a corresponding SAFER CR.

Impact on architecture:

Change to CVIEW - SAFER XML interface at detailed level

Impact on documentation:

SAFER ICD

Impact on States:

XML states would have to use a versioned schema.

There would be no impact on EDI states.

**Fix:**

**Comment:**

**Attachment**

**Names:**

**Responsibility:**

**Modified Time:** 8/23/2004 12:00:04 PM

**Modified By:** Salazar Sandra B.

**Entered On:** 6/29/2004 6:07:19 AM

**Entered By:** Magnusson Nancy C.

**Severity:** Medium

**Priority:** No

**Type:** Defect

**Closed On:**